

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: MailVIA EXPRESS MAIL LABEL NO.
EV 448 866 444 US

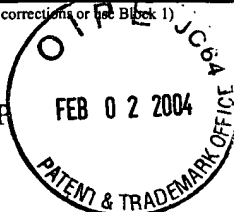
or Fax

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or see Block 1)

34036 7590 11/06/2003

SILICON VALLEY PATENT GROUP LLP
2350 MISSION COLLEGE BOULEVARD
SUITE 360
SANTA CLARA, CA 95054

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first-class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

OMKAR SURYADEVARA

(Depositor's name)

S. Omkar

(Signature)

February 2, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,968	02/05/2002	Darin P. Smedberg	M-12318 US	1525

TITLE OF INVENTION: HEAT SINK WITH A CUTOUT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES NO	\$665 \$1330	\$0	\$665 \$1330	02/06/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
TOLIN, GERALD P	2835	361-703000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. SILICON VALLEY PATENT GROUP LLP

2. _____

3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

CALIX NETWORKS, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

PETALUMA, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

☒ Issue Fee☐ Publication Fee☐ Advance Order - # of Copies _____☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 50-2263 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

Reg. 36,320 S. Omkar

February 2, 2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

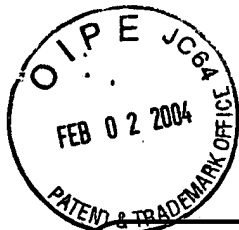
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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02/09/2004 MGBREH2 00000040 10071968

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1330.00 DP



**SUBMISSION AND ITEMIZATION
FOR ERRONEOUS PAYMENT
OF SMALL ENTITY FEES
PURSUANT TO 37 CFR 1.28(c)**

<i>First Inventor</i>	Darin P. Smedberg		
<i>Title</i>	HEAT SINK WITH A CUTOUT		
<i>Assignee</i>	CALIX NETWORKS, INC.		
<i>Serial No.</i>	10/071,968	<i>Filed</i>	FEB. 5, 2002
<i>Examiner</i>	GERALD TOLIN	<i>Group Art No.</i>	2835
<i>Docket No.</i>	CLX018 US	<i>Confirm. No.</i>	1525

The present assignee was erroneously established as a small entity for the above-identified application in a fee transmittal filed on April 3, 2003. The establishment of small entity was in good faith but, nevertheless, erroneous. Assignee provides this Submission and Itemization for Erroneous Payment of Small Entity Fees Pursuant to 37 CFR 1.28(c)(1) and 1.28(c)(2) to excuse the error in small entity status.

Itemization of the Deficiency Payment:


Type of Fee	Current Fee Amount for Non-Small Entity	Small Entity Fee Actually Paid	When Small Entity Fee was Actually Paid	Deficiency Owed Amount
Claims in Excess of Twenty	\$18x12= \$216	\$108	April 3, 2003	\$108

TOTAL DEFICIENCY OWED = \$108.00

A Fee Transmittal form (PTO/SB/17), along with a credit card payment form, is attached to this submission and includes the deficiency amount owed pursuant to 37 CFR 1.28(c)(2).

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account Number 50-2263.

The undersigned is the attorney of record.

<i>Name (Print/Type)</i>	Omkar K. Suryadevara	<i>Registration No. (Attorney/Agent)</i>	36,320
<i>Signature</i>		<i>Date</i> February 2, 2004	

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FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

Complete if Known

Application Number	10/071,968
Filing Date	Feb. 5, 2002
First Named Inventor	Darin P. Smedberg
Group Art Unit	2835
Examiner Name	Gerald Tolin
Attorney Docket No	CLX018 US

TOTAL AMOUNT OF PAYMENT

(\$)**108**

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge any underpayment and credit any overpayments to:

Deposit Account Number **50-2263**

Deposit Account Name **Silicon Valley Patent Group LLP**

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☐ Check ☒ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**0.00**

2. EXTRA CLAIM FEES

Total Claims	- 20** =	Extra Claims	Fee from below	Fee Paid
Independent Claims	- 3** =	0	x 9	= \$0
Multiple Dependent		0	x 42	= \$0
			140	= \$0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claims, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**0.00**

** or number previously paid, if greater; For reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee for provisional applications	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per properties (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

DEFICIENCY FOR ERRONEOUS PAYMENT OF SMALL ENTITY FEE

\$**108**

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)**108**

SUBMITTED BY

Name (Print/Type)

Omkar K. Suryadevara

Registration No.
(Attorney/Agent)

36,320

Complete (if applicable)

Telephone

(408) 982-8200 ext. 3

Signature

S. Omkar

Date

February 2, 2004